



Rodelta NS

The pump type NS is a vertical overhung, flexible coupled pump. The hydraulics comply with and exceed the hydraulic design parameters stated in EN733 (ISO 2858). These pumps are suitable for clean or slightly contaminated liquids. For heads above 45m at 1450rpm a number of sizes are available with a second stage, and include a diffuser to gently guide the flow from the first stage to the second. This design is available with bearing housing and spacer coupling.



Features:

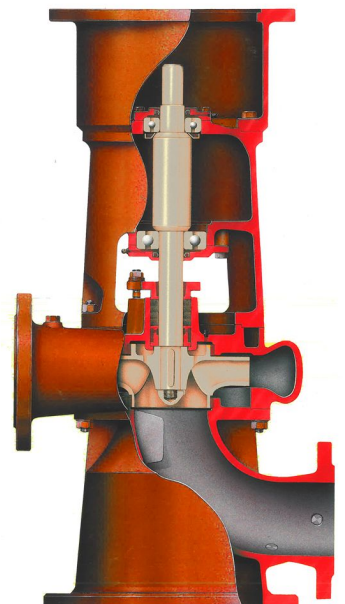
- High efficiency – smooth suction entry
- Well known for low NPSH required
- Minimal flow distortion
- Bottom suction side discharge
- Renewable wear rings
- Bearings grease lubricated
- Mechanical seal acc. to EN12756
- Discharge orientation variable
- Water Industry coatings available
- Minimal pump footprint
- Construction of NS design provides cost savings in building costs.

Specifications:

- Delivery size up to 200mm
- Capacity up to 2.200m³/hr
- Head up to 90m per stage
- Suitable for liquid Temperature: Up to 80°C
- Sealing Arrangement: Gland packing or with mechanical seals
- Flanges Drilling Standard: Flanges can be as per BS EN/DIN/ANSI/ASA standard

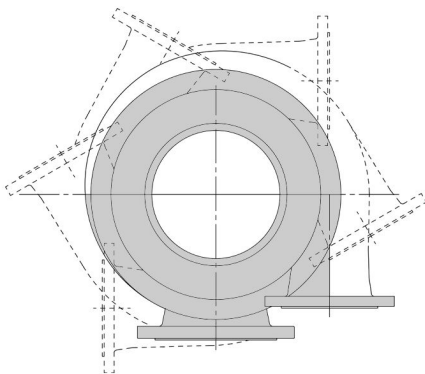
Applications:

- Clean & slightly contaminated fluids (no large solids)
- Cold and hot water, Cooling Water
- Condensate
- Water-Glycol mixtures, oil emulsions etc, Light Hydrocarbons
- Municipal
- Chemical & Petrochemical
- Sugar processing
- Agricultural
- Water supply, Drainage
- Power plants

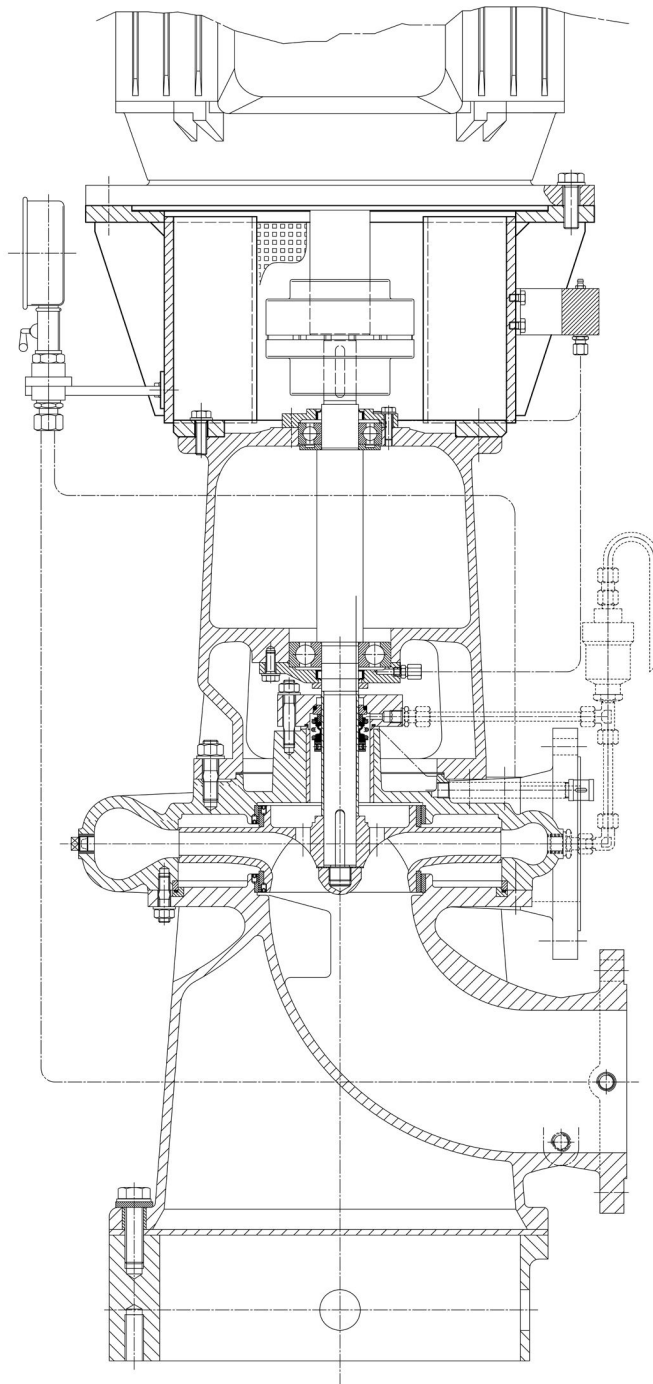


Constructional features:

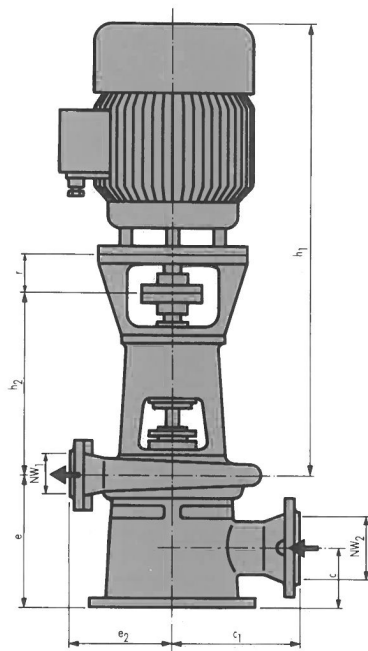
- Discharge orientation variable
- Back/top pull out
- Bearings grease lubricated
- Renewable wear rings
- Compact build / Space saving design
- Available as multistage and close coupled design (impeller mounted on drive shaft) named NSM
- Available in several material combinations. Cast iron, bronze, stainless steel, duplex



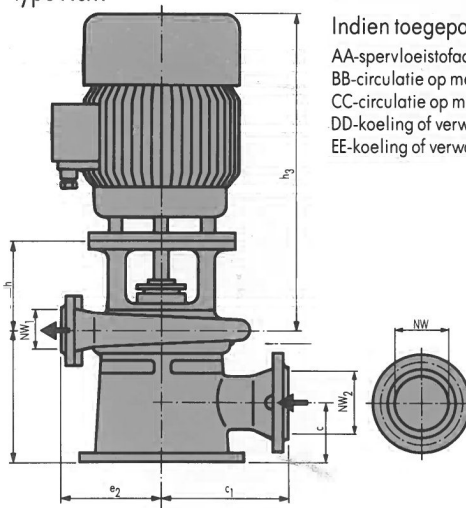
Press and suction pipe are adjustable for different connection possibilities



Type NS



Type NSM



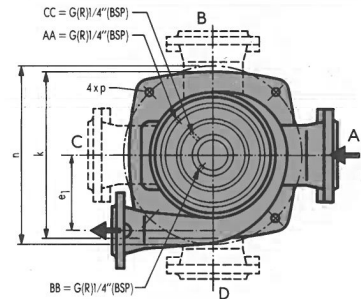
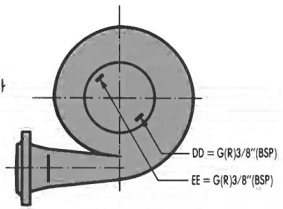
A-B-C-D: stand inlaatstomp
A = standaard uitvoering
A-B-C-D: stand aansluitkap
C = standaard uitvoering



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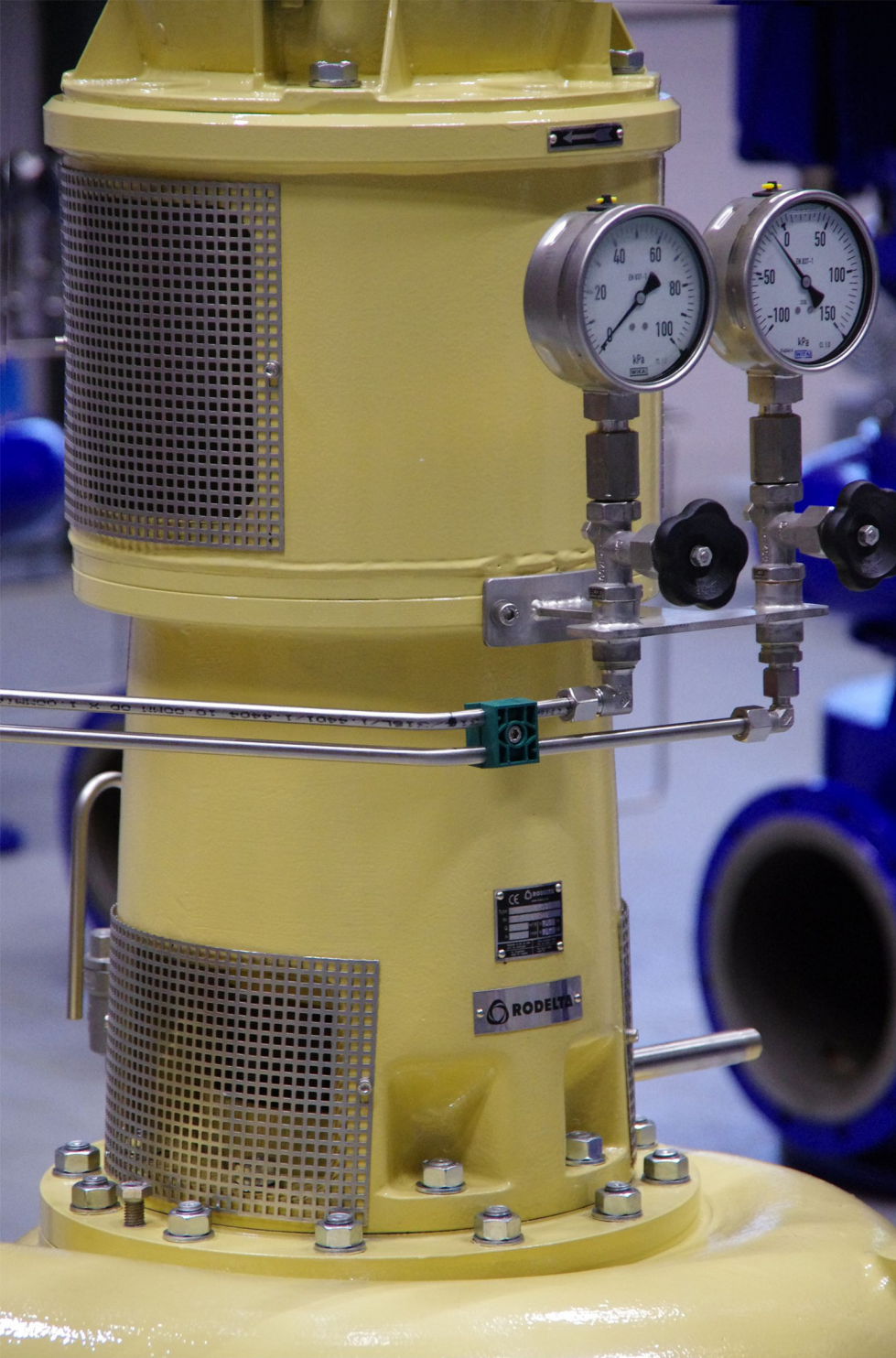
Indien toegepast:

AA-servlloeistofaansluiting op lantaarn
BB-circulatie op mech. seal: inlaat
CC-circulatie op mech. seal: uitlaat
DD-koeling of verwarming van pakk
EE-koeling of verwarming van pakk



Grootte NS-NSM	GroUp	NW1	NW2	c	c1	e	e1	e2	h	h2	k	n	P						
1110	2	40	65	100	220	273	115	130	135	370	295	315	19						
1130		50				252	125		116										
2110		65				313	145		119					373	310	325			
3110		80	100	125	235	345	145	165	141	380	310	325	19						
4150		100	125	140	245	380	160		145	384	320								
5110		40	65	100	220	244	140		138	373	295	315							
1210		50				307		170											
1220		65				244								170					
1620		80				105	260	285						210	355	365			
2250								363						175			165	310	325
2350								275						175			180		
2720		80				100	125	235						330	155	190	141		
3250		3	65	80	115	275	300	175			180	181		452	410	425	19		
3350	303						205	172			444								
3450	392							179											
3950	80							100	125	235		325	155	190				172	452
4250	100						125	300	330	180	174	445	420					435	
4320								140	245	365	165	180	452					320	335
5210			150	310	373	195		200	182	454	420	435	22						
5310	125		150	165	275	412	190		185	456	370	380							
6210				160	310	420	215				225	430		445					
6310				80	100	125	300	330			180	190	215	553	420	435	19		
4350	4		100	125	150	310	373	200	200	203	540								
5350		370					220	215	208			545	555	430				445	
5410		465					245	260							560	440	455		
5810		417					200	210		223									
6410		477					180	240	227	560									
6910		125					150	160	548	250	250	218	555						
7220		150	200	190	320	475	200	210	223	560	440	455	22						
7230						480	180	240	227										
7310						477	250	250	218					555					
7330						610	285	325	250	625				560	580	23			
7410						580	300			645									
8310						590	320			350							262	685	
8410	4	300	300	275	425	755	350	400	372	843	720	675	23						
12-520						390	386		857										
12/14-540						350	350		394					865					
14-510		350	350	300	450	820	400	475	394	865	720	675	23						
14-520					475														
16-610					450														
5		400	400	350	600	1077,5	500	500	392,5	863,5	1130	1060	27						





Design standard	EN 733
Features	Single casing, one stage, enclosed impeller.
Capacity @ BEP	Upto 2200 m ³ /hr
Head	Upto 90 m
Temperature range	-20 to 80 °C
Discharge pressure	Upto PN 10
Material (Casing/Impeller)	Cast Iron, Bronze, SS, Duplex, Super Duplex
Nozzle Orientation (suc/dis)	Bottom elbow suction / Side delivery (Vertical execution)
Standard Motor Sync. Speed	1000 / 1500 / 3000 rpm
Options	Gland packing / Mechanical Seal
Flange drilling standard	BS EN/DIN/ANSI /ASA